(19) World Intellectual Property Organization

International Bureau



| 1881 | 1871 | 1871 | 1871 | 1881 | 1882 | 1883 | 1883 | 1883 | 1884 | 1885 | 1885 | 1885 | 1885 | 1885 | 1885

(43) International Publication Date 17 February 2005 (17.02.2005)

PCT

(10) International Publication Number WO 2005/014550 A1

- (51) International Patent Classification?: C07D 213/89, A61K 31/4418, A61P 29/00
- (21) International Application Number:

PCT/EP2004/008972

- (22) International Filing Date: 9 August 2004 (09.08.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0318814.1

11 August 2003 (11.08.2003) G

- (71) Applicant (for all designated States except US):
 SMITHKLINE BEECHAM CORPORATION
 [US/US]; One Franklin Plaza, PO Box 7929, Philadelphia,
 PA 19101 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): WALKER, Ann, Louise [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB).
- (74) Agent: THOMPSON, Clive, Beresford; GlaxoSmithK-line, Corporate Intellectual Property (CN925.1), 980 Great West Road, Brentford Middlesex TW8 9GS (GB).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

- (54) Title: 3- AMINOCARBONYL, 6-PHENYL SUBSTITUTED PYRIDINE-1-OXIDES AS P38 KINASE INHIBITORS
 - $\begin{array}{c|c}
 R^{2} \\
 N (CH_{2})_{m} R^{1}
 \end{array}$ $\begin{array}{c|c}
 R^{3} \\
 X \end{array}$ $\begin{array}{c|c}
 R^{4} \\
 \end{array}$ $\begin{array}{c|c}
 R^{4} \\
 \end{array}$
- (57) Abstract: Compounds of formula (I), or pharmaceutically acceptable derivatives thereof, and their use as pharmaceuticals, particularly as p38 kinase inhibitors.